

ABSTRACT OF THE DISCLOSURE

A combination tuner includes a switching circuit having three transistors which are selectively turned on and off so that one of a television signal received by a first signal receiving unit using an external antenna that is a high sensitivity antenna, an FM signal received by a second signal receiving unit using an internal antenna that is a low sensitivity antenna, and an FM signal received by the first signal receiving unit using the external antenna is selected according to three-mode band data. Therefore, the combination tuner can select an antenna for receiving a desirable FM signal according to the reception field intensity of the target FM signal so that the FM signal can always be reproduced successfully.